FROST & ADAMS CO.

CATALOGUE

ARTISTS' MATERIALS

MATHEMATICAL INSTRUMENTS

37 CORNHILL,

BOSTON, MASS.

PROMPT ATTENTION
GIVEN TO FILLING ORDERS
THE DAY RECEIVED

Catalogues of Wire Goods and Pyrography Materials on Application

Frost & Adams Company

CORNHILL . . . . . BOSTON

DESCRIPTIVE CATALOGUE

ESTABLISHED
1843

INCORPORATED
1895

FROST & ADAMS CO.

Importers and Dealers in

ARTISTS' MATERIALS

Architects'
Engineers'
Draughtsmen's

Supplies

Mathematical Instruments

AND

Pyrography Requisites

CORNHILL

BOSTON, MASS., U.S.A.

EDWARD J. WHITE, President

JOSEPH H. PEACOCK, Vice President

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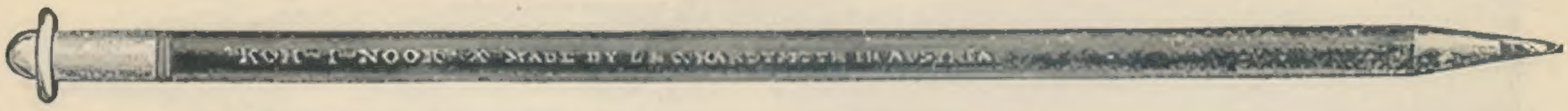
KOH-I-NOOR POCKET BOOK PENCILS

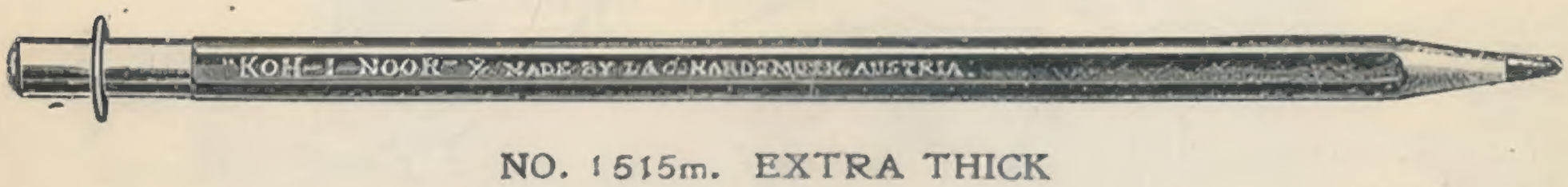


NO. 1516. MIDDLE

No. 1516. Koh-i-noor Pocket Book Pencil, round, HB,
bone top, extra thick, thick and middle,
3 dozen in a box . . . per doz., $1.00 each, .10

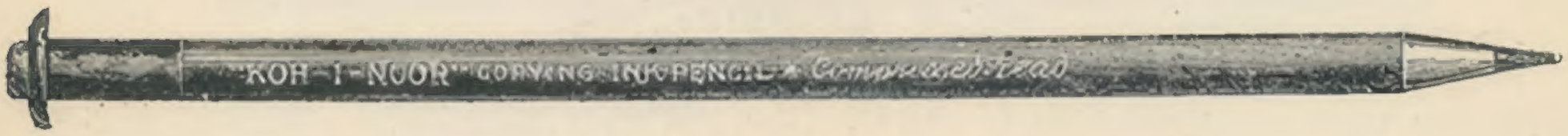
NO. 1515. THICK

No. 1515c. Koh-i-noor Pocket Book Pencil, hexagon, HB,
bone top, extra thick, thick and middle,
3 dozen in a box . . . per doz., $1.00 each, .10



NO. 1515m. EXTRA THICK

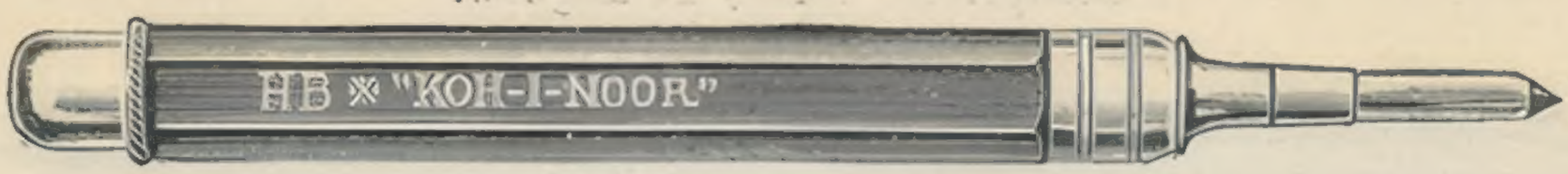
No. 1515m. Koh-i-noor Pocket Book Pencil, hexagon, HB,
nickle top, extra thick, thick and middle,
3 dozen in a box . . . per doz., $1.00 each, .10



No. 1561½. Koh-i-noor Copying Pencil, round, thick,
violet, celluloid top, 3 dozen in a box
per doz., $1.00 each, .10

No. 1515b. Koh-i-noor Pocket Book Pencil, hexagon, HB,
bone top, extra thick, thick and middle,
3 dozen in a box . . . per doz., $1.00 each, .10

KOH-I-NOOR PROPELLING POCKET PENCILS



NO. 1528

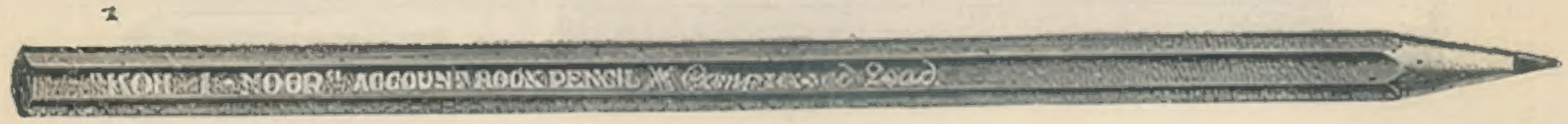
No. 1528. Koh-i-noor HB, yellow polished, nickel ends, 8½in. each, .35
1528a. " " " " 5 in. " .40
2201. Koh-i-noor Refills, for 1528, 12 in tin box . per box, .40
2202. " " " 1528a, 6 " . " .35

NO. 1568

No. 1568. Koh-i-noor HB or Copying, yellow polished, ebonized ends, 4 in. . . . . each, .35
1568a. Koh-i-noor HB or Copying, yellow polished, ebonized ends, 5 in. . . . . each, .40
2202a. Koh-i-noor HB Refills, for 1568 and 1568a, in a flat box of 6 refills . . . . . per box, .25
1570. Koh-i-noor Copying Refills, for 1568 and 1568a in flat box of 6 refills . . . . . per box, .25
1578. Koh-i-noor Copying Refills for 1568 and 1568a, in a flat box of 6 refills . . . . . per box, .25
1527. Koh-i-noor Half-length Pencil, 4 in box with protector . . . . . per box, .35
1515b. Koh-i-noor Pocket Book Pencil, hexagon, HB, bone top, middle thick and extra thick, 3 dozen in box . . . . . per doz., $1.00 each, .10
29a. Koh-i-noor Short Pencils, HB, with metal screw, nickel holder, and 6 refills in box . . . per box, .75
1519a. Koh-i-noor Refills, for above, 12 in box . . per box, .00

KOH-I-NOOR ACCOUNT BOOK PENCILS

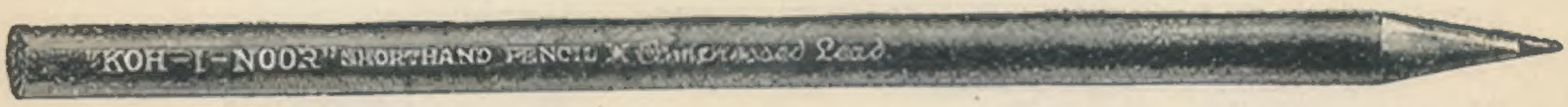
Compressed Lead, Hexagonal



Koh-i-noor Account Book Pencil, hexagon, yellow polished, gold stamped one degree . . . per doz., $1.00 each, .10

KOH-I-NOOR SHORTHAND PENCILS

Compressed Lead, Round



Koh-i-noor Shorthand Pencil, round, yellow polished, gold stamped, one degree . . . . per doz., $1.00 each, .10

L. & C. HARDTMUTH'S

FAMOUS "KOH-I-NOOR" DRAWING PENCILS

MADE IN 16 DEGREES. FINELY GRADUATED

No. 1500.	F to 9H, 1 dozen in box	. .	per dozen, $1.00	each, .10
	4B, " " "	. .	" 1.25	" .12
	5B and 6B, " " "	. .	" 1.50	" .15
	HB, Rubber Tip . .	. .	" 1.75	" .15

6B	Extra soft and very black, double thick lead for large bold Pencil Drawing
5B	Extra soft and very black
4B	Very soft and very black
3B	Soft and very black
2B	Soft and black
B	Black for shading
HB	Medium hard and black for ordinary Drawing or Writing
F	Firm for fine Drawing
H	Hard for Sketching
2H	Harder for Outlines
3H	Very hard for Architects
4H	Extra hard for Engineers
5H	Extra hard for Draughtsmen
6H	Extra extra hard for Draughtsmen
7H	Still harder
8H	A shade harder than 7H
9H	Exceptionally hard, for fine line work

HALF LENGTH, NICKEL POINT PROTECTOR

No. 1517. Half length "Koh-i-noor" Pencil, HB Degree, Patent Nickel Point Protector, 1 dozen in box, per dozen, $1.00 each, .10

In order that the "Koh-i-noor" may be readily distinguished from other Drawing Pencils, it is made in a special Yellow Polish. The lead is immeasurably superior to anything hitherto produced. By a new process of manufacture the Graphite assumes a highly compressed form, which secures for it remarkable lasting qualities. Every pencil is stamped with the name "Koh-i-noor," which is a registered trade mark in all countries

L. & C. HARDTMUTH'S

KOH-I-NOOR COPYING PENCIL

No. 1562. Half length "Koh-i-noor" Copying Pencil, Patent Nickel Point Protector, 1 dozen in box

per dozen, $1.00 each, .10

KOH-I-NOOR RENEWABLE RUBBER TIP PENCIL

Hexagon, HB degree only, ex. quality rubber tips per doz., $1.75 each, .15
Rubber Tip Renewals . . . . . " .15 " .02

KOH-I-NOOR ARTIST'S TUBULAR PENCIL

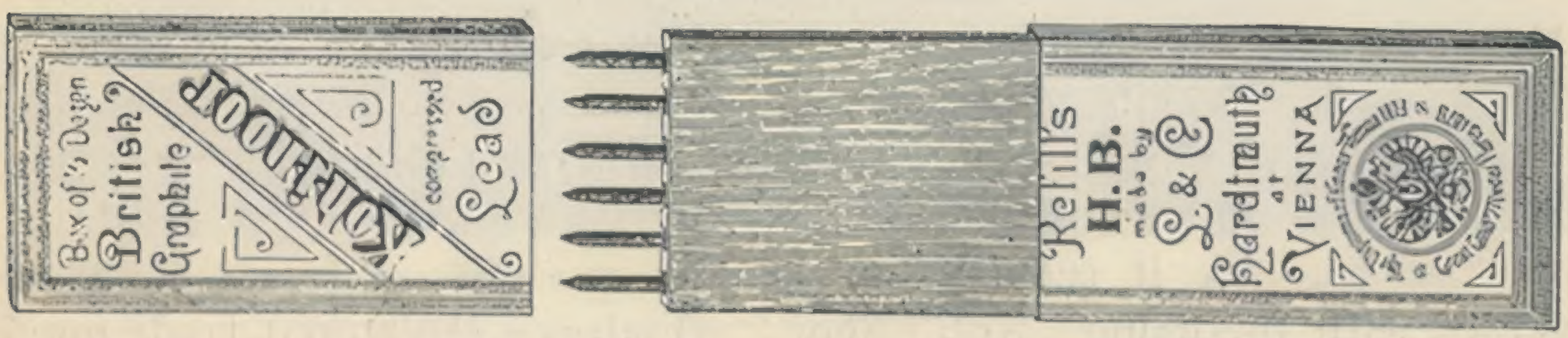
DOUBLE POINTED

Yellow Polished, HB and 6H, Gilt Metal Points . . . each, .40

SINGLE POINTED

Yellow Polished, H to 9H and HB to 6B, 17 deg., Gilt Metal Point. Specially useful for retouching, etc. . . . each, .25

KOH-I-NOOR LEADS FOR ARTIST'S TUBULAR PENCIL



6 Leads in Cedar Box, H to 9H, HB to 6B, 17 degrees
per doz. boxes, $8.40 per box, .60

HARDTMUTH'S "MEPHISTO" COPYING INK PENCIL

NO. 73B

Violet	per dozen,	.50	each, .05	Red, Red	per dozen,	.50	each, .05
Blue, Blue	"	.50	" .05	Green, Green	"	.50	" .05
Black, Black	"	.50	" .05				

"MEPHISTO" COPYING INK PENCIL

NO. 77

No. 77. Made in Violet only . . . . per dozen, .50 each, .05

With red tip, or mouthpiece, which enables railway conductors to hold the pencil between the teeth (frequently done while punching tickets), without soiling tongue or lips with violet coloring. This is an improvement on the Famous 73B Copying Pencil now in use by all leading railway companies

"MEPHISTO" DRAWING PENCIL

Made in six degrees, expressed by letter and number on each pencil

3B.	No. 1, Very Soft	each, .05		2H.	No. 4, Hard .	each, .05	
B.	" 2, Soft .	" .05		3H.	" 5, Very Hard	" .05	
HB.	" 3, Medium .	" .05		4H.	" 6, Extra Hard	" .05	

HARDTMUTH'S CELEBRATED "NEGRO" PENCIL

Black Polished Cedar. Made in Five Degrees

"Negro" Pencils. No. 1, Very Soft; No. 2, Soft; No. 3, Medium; No. 4, Hard; No. 5, Very Hard per dozen, $1.00 each, .10

This remarkable Pencil combines all the best qualities of the Drawing Chalk, Crayon, Charcoal and Carbon Pencil, with the smoothness and fluency of the high-class drawing Lead, thus rendering it the most useful Pencil ever produced for Art Students, Illustrators and Retouchers. It is strongly recommended by leading Drawing Masters on account of the complete absence of grit in its composition and because of the soft, jet black, velvety effect produced by its use. "Negro" Pencils are also preferred by Photographers for retouching and spotting Platinotypes and Carbon-Prints

HARDTMUTH'S DIAGRAM CHALKS

No. 61B in Paper Box. 6 Colors: Green, Brown, Vermilion, Orange, Blue and Yellow . . . per dozen, $3.60 each, .30

HARDTMUTH'S ARTISTS' COLORED WAX CRAYONS

Or Creta Leavis, for Drawing or Sketching. 48 Colors

Per Dozen, $1.00. Each, .10

50 Chrome Yellow	66 Dark Green	82 Purple Violet
51 Gamboge	67 Sap Green	83 Vienna Lake
52 Orange Chrome	68 Leaf Green	84 Scarlet
53 Yellow Ochre	69 Emerald Green	85 Vermilion
54 Olive Green	70 Chrome Green	86 Carmine
55 Bronze Green	71 Light Green	87 Rose Madder
56 Light Brown	72 Light Chrome Green	88 Madder Lake
57 Raw Sienna	73 Mineral Blue	89 Pink Madder
58 Venetian Red	74 Sky Blue	90 Flesh Tint
59 Mars Orange	75 Cobalt Blue	91 Gray Brown
60 Vandyke	76 Mauve	92 Purple Brown
61 Cassel Earth	77 Ultramarine	93 Purple
62 Burnt Sienna	78 Dark Blue	94 Lemon Yellow
63 Sepia	79 Blue Black	95 Brown Ochre
64 Lamp Black	80 Violet Carmine	96 Florence Brown
65 Neutral Blue	81 Light Violet Car.	97 Lake

Sample Cards furnished

A. W. FABER'S SIBERIAN LEAD PENCIL

For Designing, Architectural Purposes, Stenography, Offices and Schools

Siberian	2B, B, HB, F, H, 2H . . .	per dozen,	$1.00	each, .10
"	3H, 4H, 5H, 6H, 7H, 8H . .	"	1.00	" .10
"	3B, 4B, 5B	"	1.20	" .12
"	6B	"	1.40	" .15

Hexagon, Natural Polished, in 16 Degrees

A. W. FABER'S SIBERIAN ARTISTS' TUBULAR PENCIL

With Moveable Leads

DOUBLE POINTED

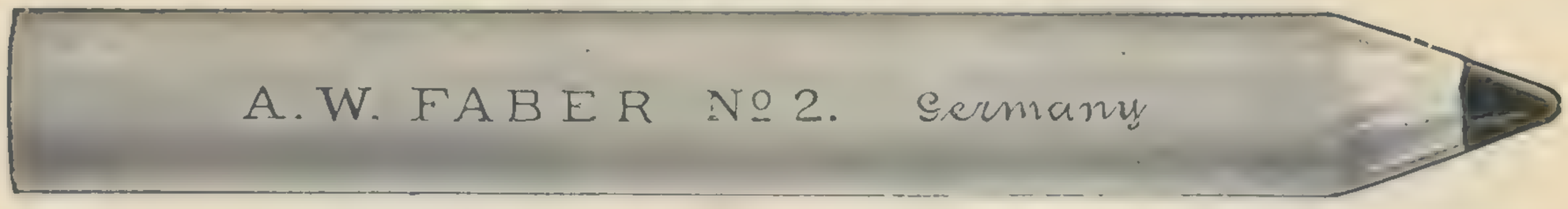
SINGLE POINTED

Siberian Artists', short, HB	3 inches long,	each, .15		
" medium, HB . . .	5	"	" .20	
" long, graded 2B to 8H .	6	"	" .25	
" " graded 3B, 4B, 5B .	6	"	" .30	
" " 6B	6	"	" .35	
" with double ends, F and 2H	6½	"	" .40	
" " " " 2B and HB	6½	"	" .40	

Natural Polished. Ivory Head on single pointed

A. W. FABER'S CARPENTERS' PENCILS

Oval, With Broad Leads



No. 5460.	Lead Pencils, Nos. 1 and 2, 2 grades, 7½ in.	.	per doz.,	.40
5461.	Red "	7½ "	" "	.65
6704.	Blue "	7½ "	" "	.55
6706.	Red and Blue Pencils	S½ "	" "	.50
6708.	Lead Pencil in whitewood, red polished, Nos. 1 and 2	7½ "	" "	.45

In whitewood, not polished, blue stamp, A. W. FABER

A. W. FABER'S LEADS FOR ARTIST'S PENCILS

Black Leads for Siberian Artists' Tubular Pencils,	H to 6H	per box, .60
" " " " "	HB, B, 2B, F	" .60
" " " " "	3B to 5B	" .65
" " " " "	6B	" .70

A. W. FABER'S COMPASS PENCIL

Compass Pencils, round, black polished, No. 4 per dozen, .50 each, .05

Compass Pencils, hexagon, red polished, No. 4 per dozen, .75 each, .08

These pencils are used in mathematical instruments, and will be found to retain their points for a long time

A. W. FABER'S

LOW-PRICED LEAD PENCILS IN DRAWING SETS

No. 5180. 6 Low-priced Lead Pencils, A. W. F., in set, graded from H to 3B, with four drawing pins and rubber eraser . . . . . per dozen sets, $1.50 each, .40

A. W. FABER'S "ROUND GILT" PENCIL

BLACK POLISH

"Round Gilt," Nos. 1, 2, 3, 4 and 5 . . per dozen, .50 each, .05

These pencils rank directly after the "Hexagon Gilt" pencils in popularity. They are round, black polished, with gold stamp, and are made in five degrees of hardness, from No. 1 to 5

A. W. FABER'S "ENGLISH" DRAWING PENCIL

For Draughtsmen, Artists and Art Schools

No. 5060. "English," round, natural polish, 4B to 6H per doz...50 each, .05

These pencils are made in 12 degrees of hardness to meet all practical requirements. They are round, natural polished

A. W. FABER'S LEAD POINTS

For Gold and Gold-Plated Pencil Cases

No. 5940.	A, B, C, D, E, F, G, H, I, K, L, M, N, O, P, Q, R, S	per box, .05					
5941.	No. 30	per box, .10		No. 5970.	No. 4B	"	.25
5942.	70	" .10		5971.	6B	"	.30
5943.	300	" .05		5972.	2B	"	.25
5944.	9M	" .05		5974.	50	"	.10
5945.	6	" .10		5975.	80	"	.10
5946.	7	" .10		5976.	10	"	.10
5947.	102	" .10		5977.	1	"	.10
5948.	8	" .05		5978.	12	"	.10
5968.	200	" .05					

A. W. FABER'S CHALKS IN WOOD

No. 5205. Black Chalk, white wood, Nos. 1, 2, 3 per dozen, .50 each, .05

A. W. FABER'S BLACK CHALK POINTS

For Pencils with Movable Black Chalk

No. 5230. Black Chalk Points, for pencils, 6 in box, Nos. 1, 2, 3 . . . . . per box, .15

PENCIL POINT PROTECTORS

Nickel Plated, round, 2½ inches long . . per dozen, .30 each, .03

A. W. FABER'S

WAX CRAYONS, OR CRETA LAEVIS PENCILS

7 Inches Long. Round, Extra Fine Polish, Assorted in Boxes

6	Pencils,	7	inches	long,	Assorted	Colors, in box . .	per box, .75
12	"	7	"	"	"	" . . .	" 1.20
18	"	7	"	"	"	" . . .	" 1.75
24	"	7	"	"	"	" . . .	" 2.25

Per Dozen, $1.00. Each, .10

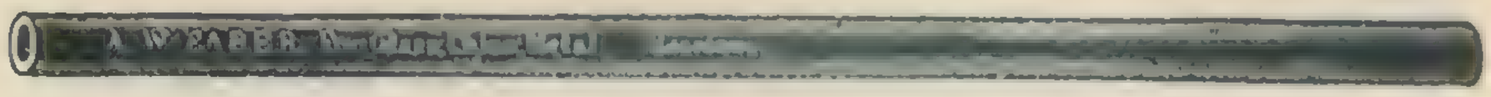
No. 53.	Autumnal Yel.	No. 28.	India Brown, 2	No. 33.	Raw Umber, 2
50.	Antwerp BlueD	42.	India Red, 1	52.	Raw Umber, 3
58.	Antwerp BlueL	80.	India Red, 2	55.	Raw Umber, 4
41.	Black	65.	Indigo	60.	Red Brown
	Black, extra	88.	Light Blue	20.	Red Lead
36.	Brown Ochre	72.	Madder Lake	6.	Roman Ochre
34.	Burnt Sienna	39.	Olive, 1	46.	Scarlet
32.	Burnt Umber	47.	Olive, 2	13.	Ultramarine
	Carmine, extra	40.	Olive, 3		Ult. extra
62.	Chrome, D	56.	Olive, 4	87.	Vand'ke Brown
4.	Chrome, M	59.	Primrose Yel.	57.	Veg. Green
2.	Chrome, Pale	12.	Prussian Blue	38.	Vermilion
75.	Crimson	29.	Prus. Green, 1		Verm. extra
16.	Flesh Tint, 1	45.	Prus. Green, 2	51.	Violet
18.	Flesh Tint, 2	54.	Purple	1.	White
63.	Green Bice	35.	Purple Brown	64.	Yellow Lake
69.	Green Verditer	61.	Raw Umber, 1	37.	Yellow Ochre
43.	India Brown, 1				

A. W. FABER'S COLORED PENCILS

Round, Red, Blue, Green, Yellow, etc.	each,	.10
Octagon, Red and Blue	"	.12

A. W. FABER'S

PENCILS FOR WRITING ON GLASS, PORCELAIN, ETC.



No. 5700.	Blue Pencils, Blue Polished .	per dozen,	$1.20	each,	.12
5701.	White Pencils, White Polished .	"	1.20	"	.12
5702.	Yellow Pencils, Yellow Polished	"	1.20	"	.12
5703.	Red Pencils, Red Polished .	"	1.20	"	.12
5705.	Blue Pencils, not in Wood . .	"	1.50	"	.15
5706.	Red Pencil, not in Wood . .	"	1.50	"	.15

These new Colored Pencils are made for writing or drawing on smooth, polished surfaces, where other pencils will *not* write. They are particularly adapted for Glass, Porcelain, Polished Metal, Wood, or Oil Cloth

The writing is not affected by the influences of temperature, and can be easily removed with a piece of cloth

In sharpening these pencils it is advisible to give them a short point

They are made in four colors, Blue, White, Yellow or Red and polished in colors accordingly. 7 inches long

---

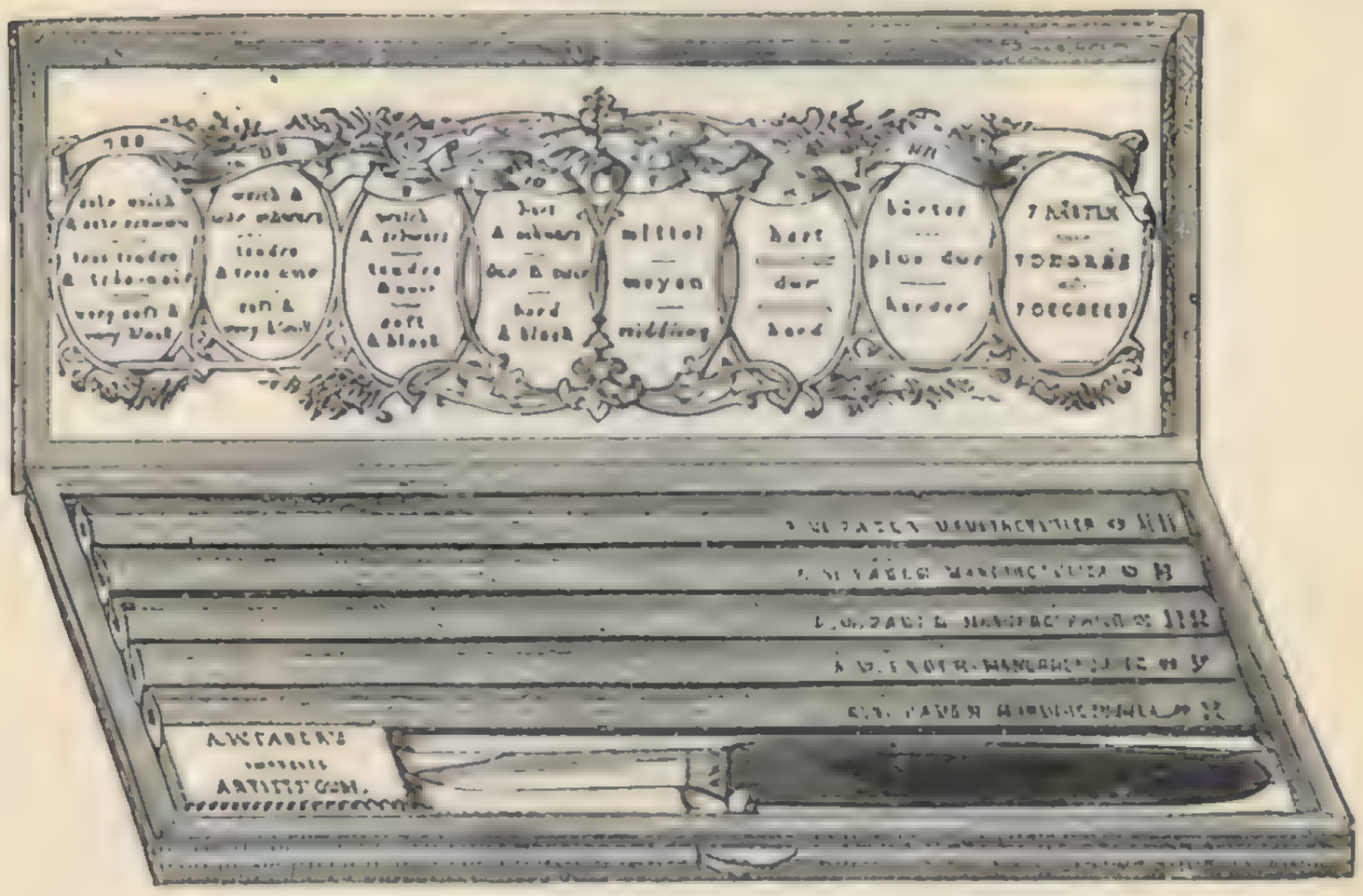
E. FABER'S "COMMERCE" PENCIL

"Commerce," Hexagon, Natural Polish, Grades Nos. 2, 3, 4,

Rubber inserted Nickel Tip . . . per dozen, .50 each, .05

A. W. FABER'S LEAD PENCILS

In Boxes



BOX, 5 SIBERIAN PENCILS, KNIFE AND RUBBER

5	grades Siberian Pencils	. . . . .	per box,	.90
7	" "	. . . . .	"	1.10
5	" " with Knife and Rubber	. .	"	1.10
10	" "	. . . . .	"	1.50
10	" " on cards	. . . . .	"	1.50
5	" English Yellow, Silver	. . . . .	"	.55
7	" " "	. . . . .	"	.60
5	" " " with Knife and Rubber	.	"	1.00
10	" " "	. . . . .	"	.85

E. FABER'S COLORED SCHOOL CRAYONS

Fine Polish Pencils

Round, full length, 7 in a box, assorted colors . . per box, .35

EBERHARD FABER'S
NEW COLORED CRAYON ASSORTMENT

No. 663. Box contains 1 dozen Round, Assorted Colored Crayons in Wood, ½ dozen boxes in carton . . . each, .60

EBERHARD FABER'S PENCIL POINT PROTECTORS

No. 1600. Round, Nickel Plated, with Gray Rubber, 2⅜ in. long . . per doz., .30 each, .03

1650. Hexagon, Nickel Plated, with Red Rubber, 2⅜ in. long . per doz., .30 each, .03

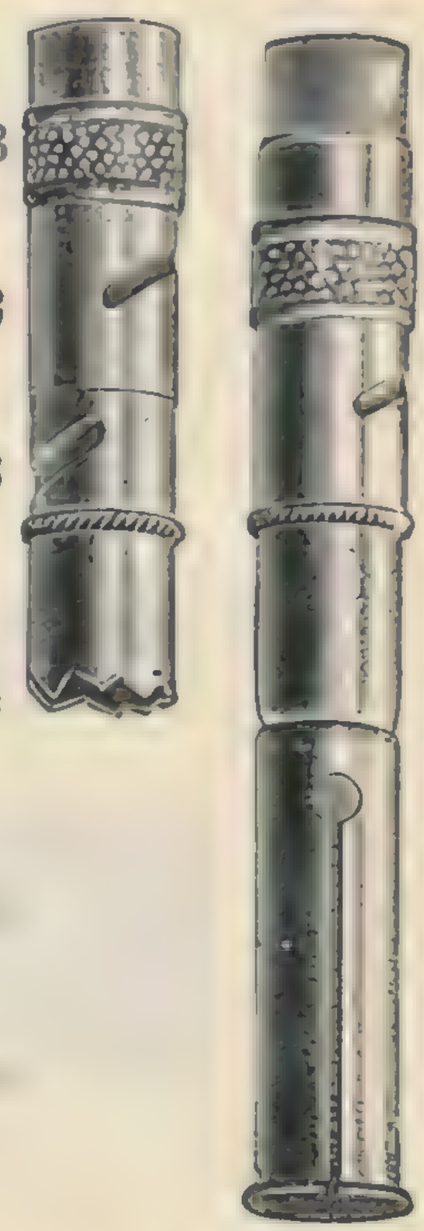
1613. Round, Gilt, Fluted, with Red Rubber, 2⅜ in. long . . per doz., .35 each, .03

1630. Round, Nickel Plated, with Red Rubber, 3 in. long, with Adjustable Band per doz., .40 each, .04

1640. Round, Nickel Plated, with Gray Rubber, 2⅛ in. long, for thin pencils . per doz., .30 each, .03

1615. Round, Nickel Plated, Spiral Tip, with Red Rubber, 2½ in. long per doz., .40 each, .04

1 dozen in box, ½ gross in carton



EBERHARD FABER MONGOL DRAWING SET

No. 483. Contains ½ dozen of the famous Mongol Pencils, assorted, grades BB, B, HB, H, 2H, 4H, ½ dozen boxes in a carton . . . . per box, .75

EBERHARD FABER MONGOL HEXAGON PENCILS

No. 481. "Mongol," hexagon, yellow polish, grades BB to 6H . . . . . per doz., .50 each, .05
482. "Mongol," hexagon, yellow polish, black and gilt tip, red rubber, grades 1 to 4 . . . . . per doz., .60 each, .06
One dozen in a yellow box, ½ gross in a carton

EBERHARD FABER STYLUS

NO. 0030

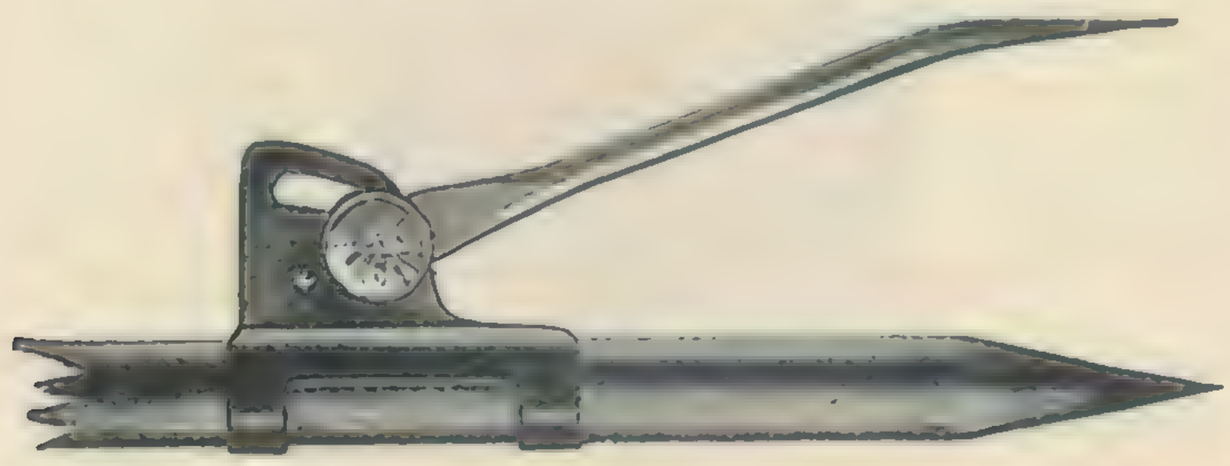
No. 0030. Taper, Hard Rubber Chased Handles, Agate Points . . . . per doz., $3.50 each, .30
00105. Taper, Ebony Handle, Gold Plated Tip, Agate Points . . . . per doz., 9.00 each, .75
0021. Taper, Black Enameled Handle, reverse, Agate Points . . . per doz., 3.00 each, .25
One dozen in a box

FROST & ADAMS CO'S PENCIL LENGTHENER

Pencil Lengthener, Hexagon, Natural Polish per dozen, $1.00 each, .12

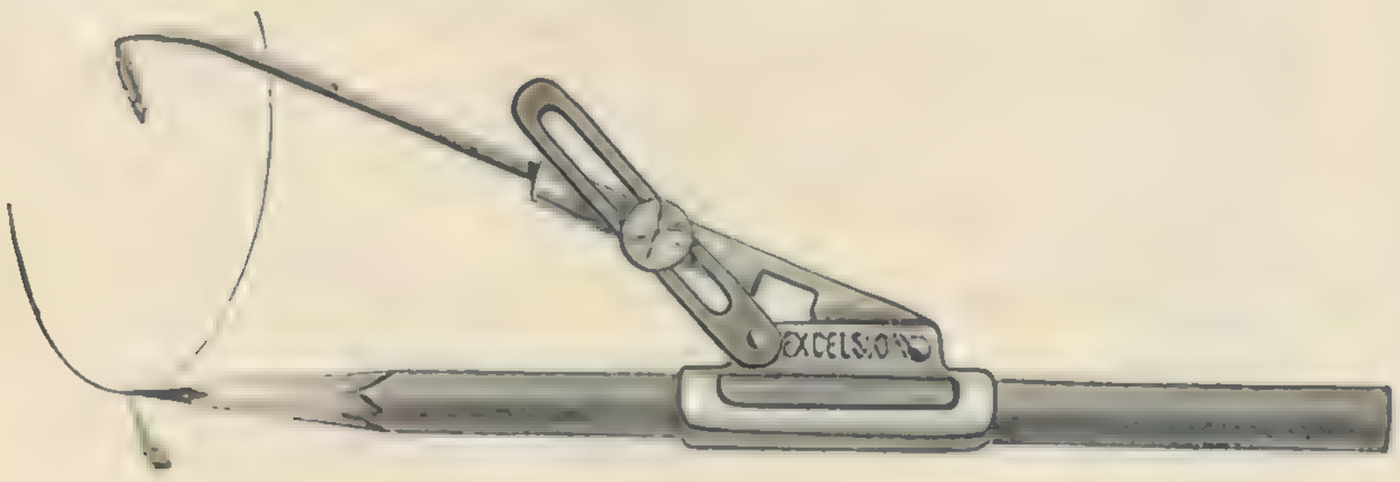
This very convenient article is largely used by artists and others who use fine pencils, and desire to utilize the short ends that otherwise would be thrown away

E. FABER'S PENCIL COMPASS



Compass with pencil . . . . . per dozen, $1.20 each, .12
" only . . . . . " 1.00 " .10

EXCELSIOR PENCIL COMPASS



8997. Excelsior Pencil Compass, 3 in., 1 dozen, with 1 pencil, on a card . . . . . per card, $1.80
8998. Excelsior Pencil Compass, 3 in., loose . . . per dozen, 1.60
8999. " " 3¾ in., " . . " 1.80
9000. " " 3¾ " 1 dozen, with 1 pencil, on a card . . . . . per card, 2.00

The Excelsior Pencil Compasses are better and more durable than any other. They have a solid steel leg and a steel arm with clamp screw, making them very strong and steady

JOHANN FABER'S
FINEST SIBERIAN LEAD PENCILS

No. 300 Siberian . . . . . per dozen, $1.00, each, .10

Hexagon, Natural Polish, in fourteen degrees, 6B, 5B, 4B, 3B, 2B, B, HB, F, H, 2H, 3H, 4H, 5H, 6H

All Johann Faber's Genuine Siberian Lead Pencils are stamped in Gold on one side: "Johann Faber's Siberian Lead Pencil," and on reverse side: "Warranted to contain Siberian Graphite," and Degree and Trade Mark

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JOHANN FABER'S
SILVER STAMP LEAD PENCILS

No. 235. Hexagon . . . . . per dozen, .50 each, .05

Natural Polish, rubber tip. In two degrees, Nos. 2 and 3

JOHANN FABER'S
COLORED PENCILS IN CEDAR

No. 512. Blue, Round, Blue Polish . . per dozen, $1.50 each, .15

513. Red, " Red " . . " 1.50 " .15

Extra Large, Round, Very Thick Lead, Finest Quality

JOHANN FABER'S ARTISTS' TUBULAR PENCILS

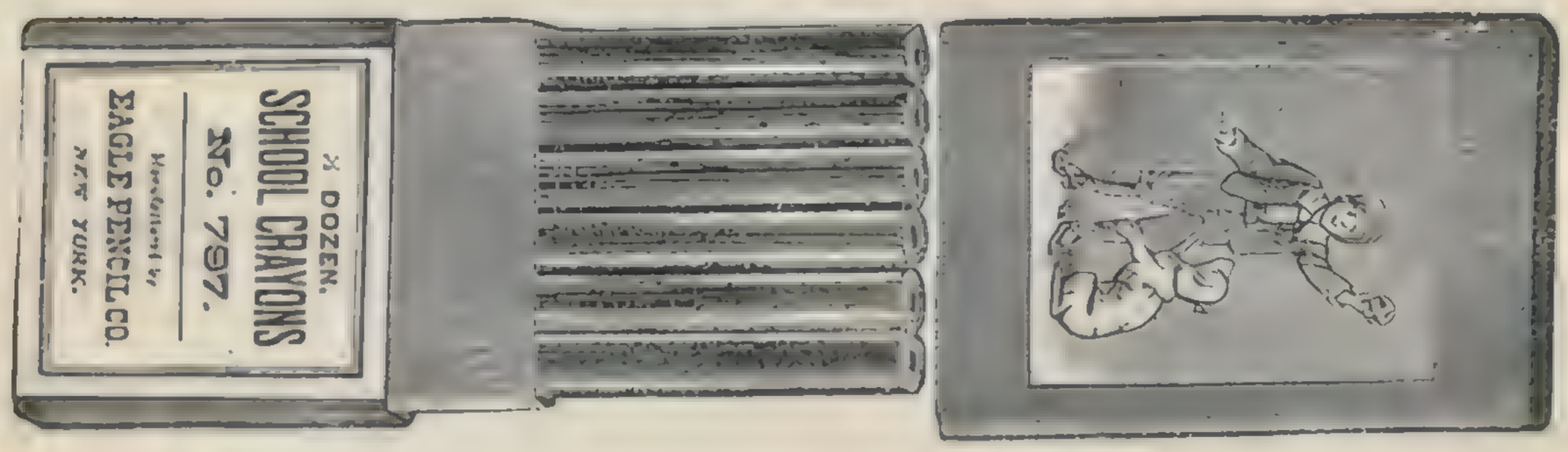
With Movable Leads

No. 702. Siberian Artists' Pencils, natural polished, 14 degrees, 6B, 5B, 4B, 3B, 2B, B, HB, F, H, 2H, 3H, 4H, 5H, 6H . . . . . per doz., $2.50 each, .20

JOHANN FABER'S LEADS FOR ARTISTS' PENCILS

No. 801. Siberian Artists' Leads, 6 leads in box, 14 degrees, 6B, 4B, 3B, 2B, B, HB, F, H, 2H, 3H, 4H, 5H, 6H . per box, .50

COLORED SCHOOL PENCILS IN BOXES



No. 797. Box of 6 Pencils, assorted Colors, 4½ in. long per box, .10

798. " 12 " " " " " .20

SUPERFINE CRAYON ASSORTMENT NO. 116

One Dozen in a Box with Glass Cover

No. 116. Box of 12 Crayons, Assorted Colors, Round, Glass Finish, polished in corresponding shades . . . per box, .60

Black	Dark Brown	Orange	Sea Green
Carmine	Dark Green	Purple	Sky Blue
Dark Blue	Light Brown	Rose	Yellow

VENUS DRAWING PENCILS

STYLE OF PACKAGE

17 Grades, 6B Softest to 9H Hardest

H Hard for Sketching
2H Harder for Outlines
3H Very hard for Architects
4H Extra hard for Engineers
5H Extra hard for Draughtsmen
6H Extra extra hard for Draughtsmen
7H Still harder
8H A shade harder than 7H
9H Exceptionally hard, for fine line work

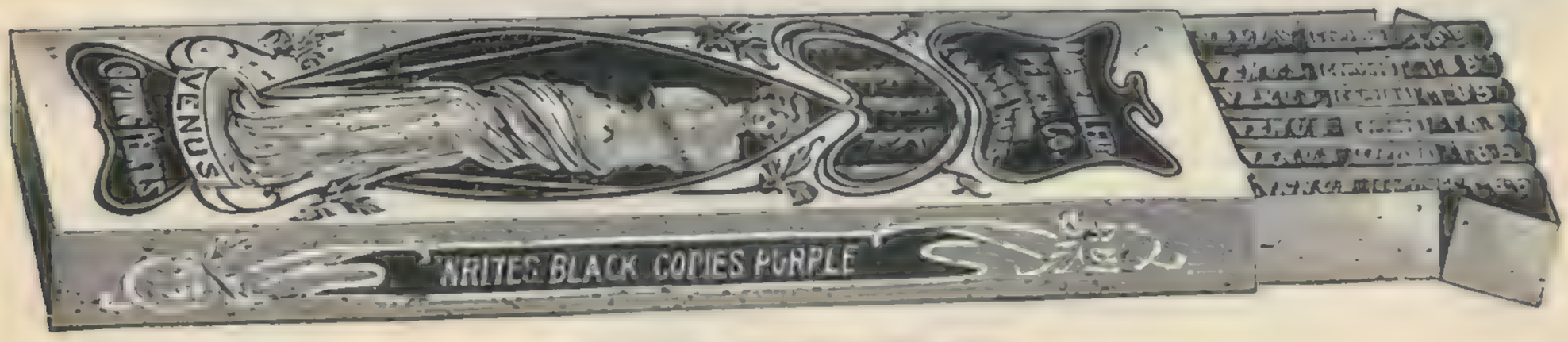
. . per doz., $1.00 each, .10

6B Extra soft and very black, double thick lead for large bold Pencil Drawing
5B Extra soft and very black
4B Very soft and very black
3B Soft and very black
2B Soft and black
B Black for shading
HB Medium hard and black for ordinary Drawing or Writing
F Firm for Fine Drawing

Contain the smoothest and longest lasting lead ever produced

A grade for every purpose of the Business or Professional Man

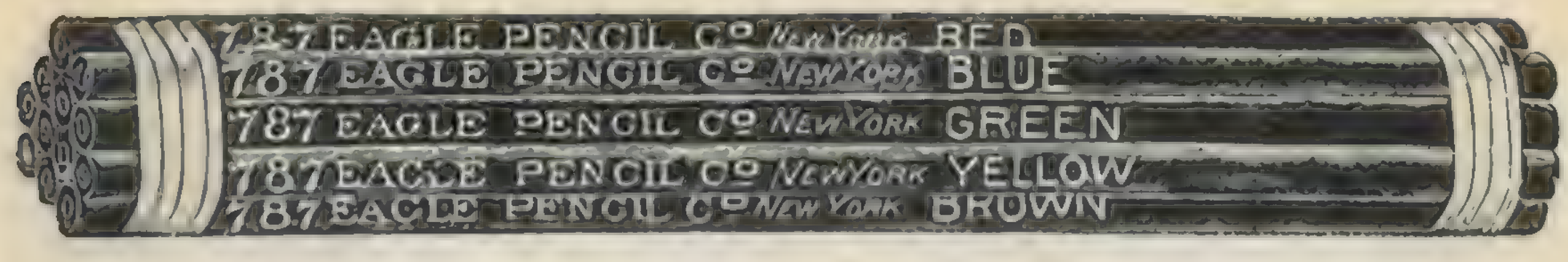
VENUS COPYING PENCIL



STYLE OF PACKAGE

No. 165. Venus Copying Pencil, purple, gloss finish . . . . . per doz., .50 each, .05

EAGLE COLORED PENCILS


787 EAGLE PENCIL Co NEW YORK RED
787 EAGLE PENCIL Co NEW YORK BLUE
787 EAGLE PENCIL Co NEW YORK GREEN
787 EAGLE PENCIL Co NEW YORK YELLOW
787 EAGLE PENCIL Co NEW YORK BROWN

No. 787. One dozen Pencils, Assorted Colors, tied in bundle, ½ gross in a box . . . per doz., .50 each, .05

Commercial Colors: Blue, Brown, Green, Red, Yellow. For marking and checking. Smooth in writing and marking and durable in point

EAGLE INSERTED RUBBER HEAD PENCILS

No. 402. No. 2 Hexagon, Maroon Gold . per doz., $1.00 each, .10
403. " 3 " " " . " 1.00 " .10

These Pencils contain about one inch of the best erasive rubber, which being encased in wood is perfectly protected against being soiled, and may be sharpened to a point for erasing fine lines

EAGLE ORLOFF DRAWING PENCILS

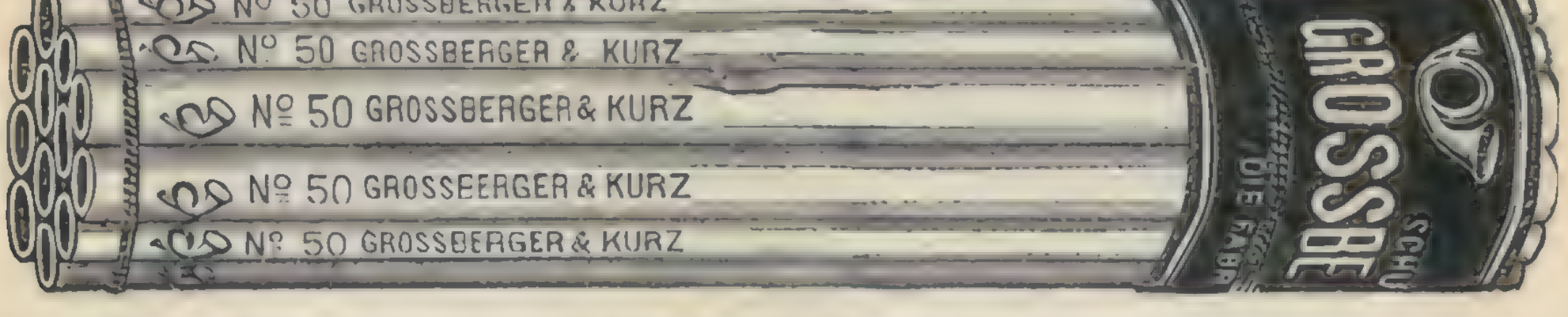
No. 843. Orloff, accurately graded in 15 degrees of hardness . . . . . .per doz., .60 each, .05

BBBBBB-Extremely Soft	F . . . Medium
BBBBB . Extra Soft and Extra Black	H . . . Medium Hard
BBBB . Very Soft and Very Black	HH . . Hard and Black
BBB . . Very Soft and Black	HHH . . Hard
BB . . Soft and Black	HHHH . Very Hard
B . . . Black and Medium Soft	HHHHH Extra Hard
HB . . Medium Soft	HHHHHH-Extremely Hard and
FHB . Medium and Black	Firm

EAGLE ATLANTIC PENCILS

Atlantic, plain cedar, rubber inserted . per gro., $1.50 per doz.' .15

GROSSBERGER & KURZ COLORED PENCILS


No 50 GROSSBERGER & KURZ
No 50 GROSSBERGER & KURZ
No 50 GROSSBERGER & KURZ
No 50 GROSSEERGER & KURZ
No 50 GROSSBERGER & KURZ
GROSSBERGER & KURZ

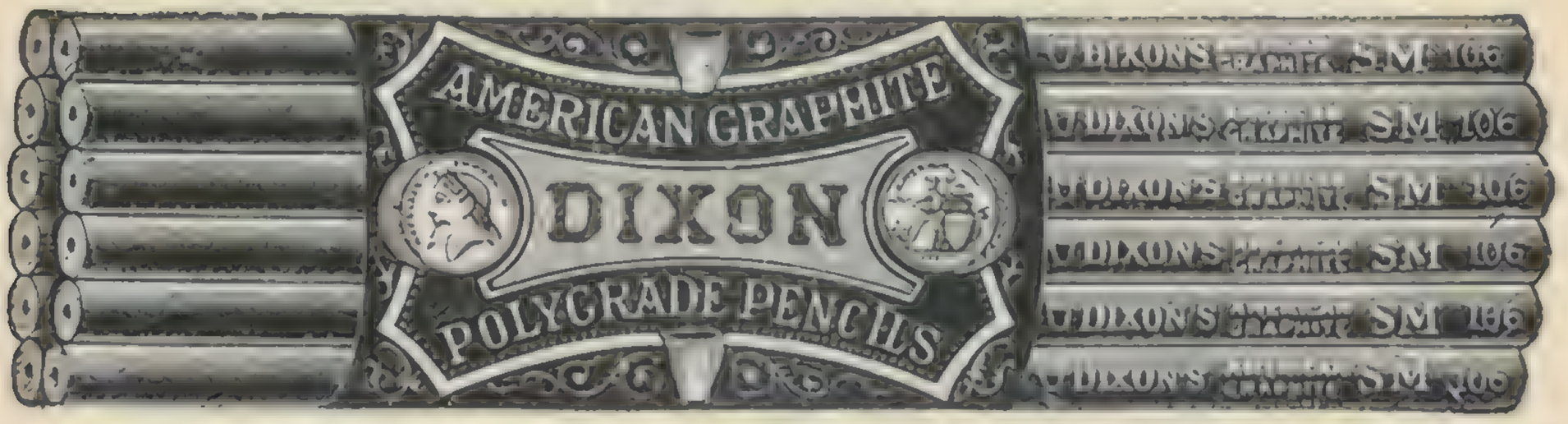
No. 666.	White Lead,	in Whitewood Finish	.	per doz., .50	each,	.05
683.	Red	" " "	. .	" .50	"	.05
697.	Blue	" " "	. .	" .50	"	.05
721.	Yellow	" " "	. .	" .50	"	.05
725.	Green	" " "	. .	" .50	"	.05
731.	Black	" " "	. .	" .50	"	.05
32.	Black	" in black polished wood	.	" 1.00	"	.10

Used largely by Cotton Mills for marking goods

DIXON'S GRAPHITE SKETCHING CRAYON

No. 341. Made in round shape only, in the finest Cedar finish, and stamped in gold . per doz., $1.00 each, .10

DIXON'S FINE ROUND PENCILS



Dixon's Pencils, Natural Cedar, Satin Finish . per doz., .60 each, .05

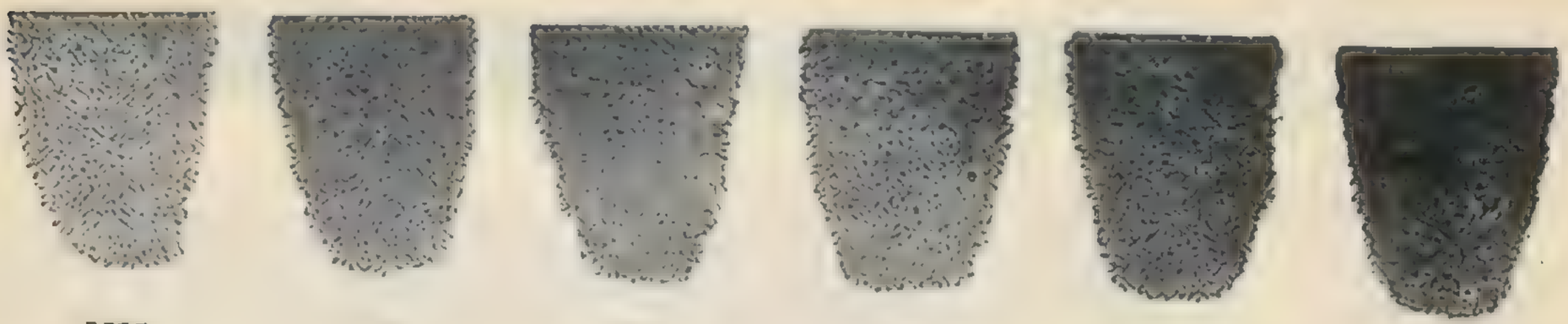
No. 141. . . S	No. 143. . . M	No. 144. . . H
142. . . SM	143½. . . MH	145. . . VH
142½. . . MB		
No. 151. . . S	No. 152½. . . MB	No. 154. . . H
151½. . . SB	153. . . M	155. . . VH
152. . . SM	153½. . . MH	

Accurately graded in 8 degrees of hardness

S—Soft SB—Soft Black SM—Soft Medium MB—Medium Black
M—Medium MH—Med. Hard H—Hard VH—Very Hard

E. WOLFF & SON'S CARBON DRAWING PENCILS

Plain Cedar, in Six Degrees



No. 151.

HH—Very hard, for Architectural Drawing, etc.	per doz.,	$1.25	each,	.10
H—Moderately Hard, for Light Outlines	"	1.25	"	.10
HB—Middle Degree, for Free Sketching and Light Shading	"	1.25	"	.10
B—Black, for Shading	"	1.25	"	.10
BB—Very Black, for Deep Shading	"	1.25	"	.10
BBB—Extra Thick, Intensely Black, for very Deep Shading	"	1.25	"	.10

E. W. & S. PERMANENT BLACK CHALK PENCILS

No. 150.

BB—Very Black, for foreground	per doz.,	$1.25	each,	.10
HB—Middle Tint	"	1.25	"	.10
N—Neutral Tint, for distances	"	1.25	"	.10

These Chalks are perfectly free from grit, work pleasantly, have an intense and brilliant black color in the BB, and great delicacy of tint in the other degrees. Drawings executed with these Pencils do not require fixing, and may be carried in a portfolio without fear of their being rubbed

E. W. & S. ACADEMY CHALK PENCILS

No. 152.

No. 1. Hard,	Natural Polished	per doz.,	$1.25	each,	.10
" 2. Medium,	Brown "	"	1.25	"	.10
" 3. Soft,	Soft "	"	1.25	"	.10

These Pencils are especially suited to the use of Students for the purpose of copying Lithographic Studies, sketching from Nature, and Model Drawing. In tone, quality, and correctness of degree, the Academy Chalk Pencil will be found superior to the Conté Chalks

E. W. & S. INDELIBLE SOLID INK PENCILS

Finest Quality, in Plain Cedar

No. 116.

Indelible Black Lead	per doz.,	$1.25	each,	.10
Indelible Blue Lead	"	1.25	"	.10

BLAISDELL PAPER PENCILS

For Marking on China, Glass, Etc.

No. 163. China-Marking Pencil . . . per doz., $1.25 each, .10

Wrapped in Black Paper. 7 inches long. Gilt stamp. Black finish, highly polished. 1 dozen in box, ½ gross in carton

No. 163 is the only pencil made that will satisfactorily write on China, Glass, Celluloid, Polished Metals and other articles of similar character. The same economy exists in their use as in all our pencils, as these have the same method of sharpening

This number is now used largely by China Decorators, and for other purposes where marking on smooth surfaces is required. They do not scratch or mar the finest surface, and the marks may be removed without leaving the slightest trace

BLAISDELL COLORED CRAYON PENCILS

No. 151.	Blue,	Blue	Finish	. . .	per doz.,	$1.00	each,	.10
152.	Black,	Black	Finish	. . .	"	1.00	"	.10
153.	Green,	Green	Finish	. . .	"	1.00	"	.10
154.	Yellow,	Yellow	Finish	. . .	"	1.00	"	.10
155.	Brown,	Brown	Finish	. . .	"	1.00	"	.10
156.	White,	White	Finish	. . .	"	1.00	"	.10
161.	Red,	Red	Finish	. . .	"	1.10	"	.10
162.	Pink,	Black	Finish	. . .	"	1.10	"	.10
167.	Purple,	Purple	Finish	. . .	"	1.10	"	.10

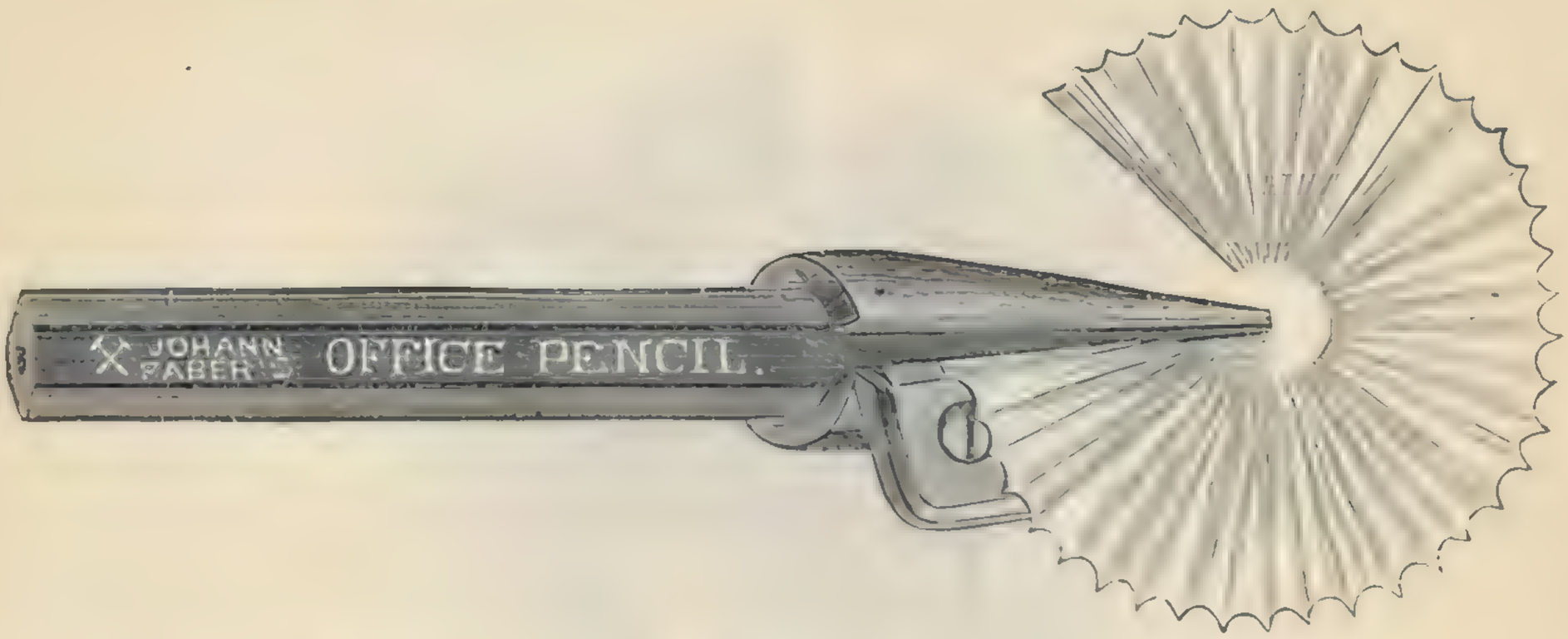
Wrapped in Parchment Paper. 7 inches long. Silver stamp. 1 dozen in box, ½ gross in carton

Blaisdell Colored Crayons stand pre-eminent. This has been established by their superior quality, the economy and cleanliness in their use, and the many other points of advantage which they possess over crayons encased in wood.

The sharpening or exposing a new point is very quickly accomplished by cutting one thickness of paper between the perforations and removing the narrow strip, thus saving the time, the waste and the dirt usually caused by whittling the point

None of the lead is cut away, and the consumer is thus enabled to use the entire crayon

THE KOSMOS PENCIL SHARPENER

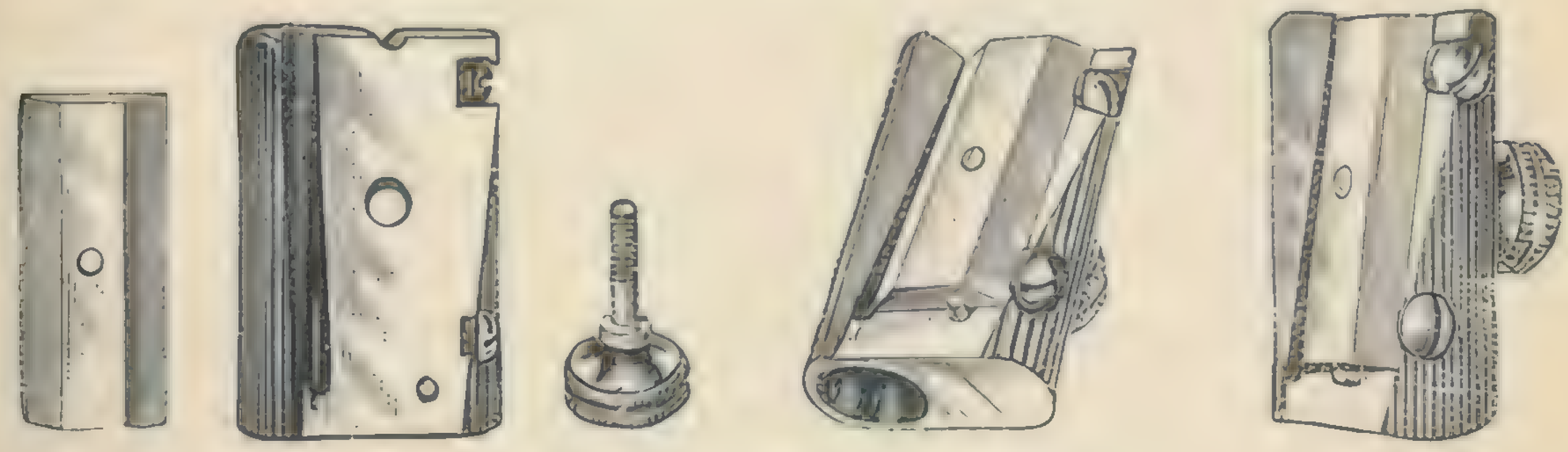


No. 1000. The Kosmos Pencil Sharpener, 1 dozen on a card,
½ dozen cards in box . . . . . each, .15

The best fifteen cent pencil sharpener in the market

NEW ACME PENCIL SHARPENER

Double Edged Reversible Blade. Combines Simplicity with Perfection



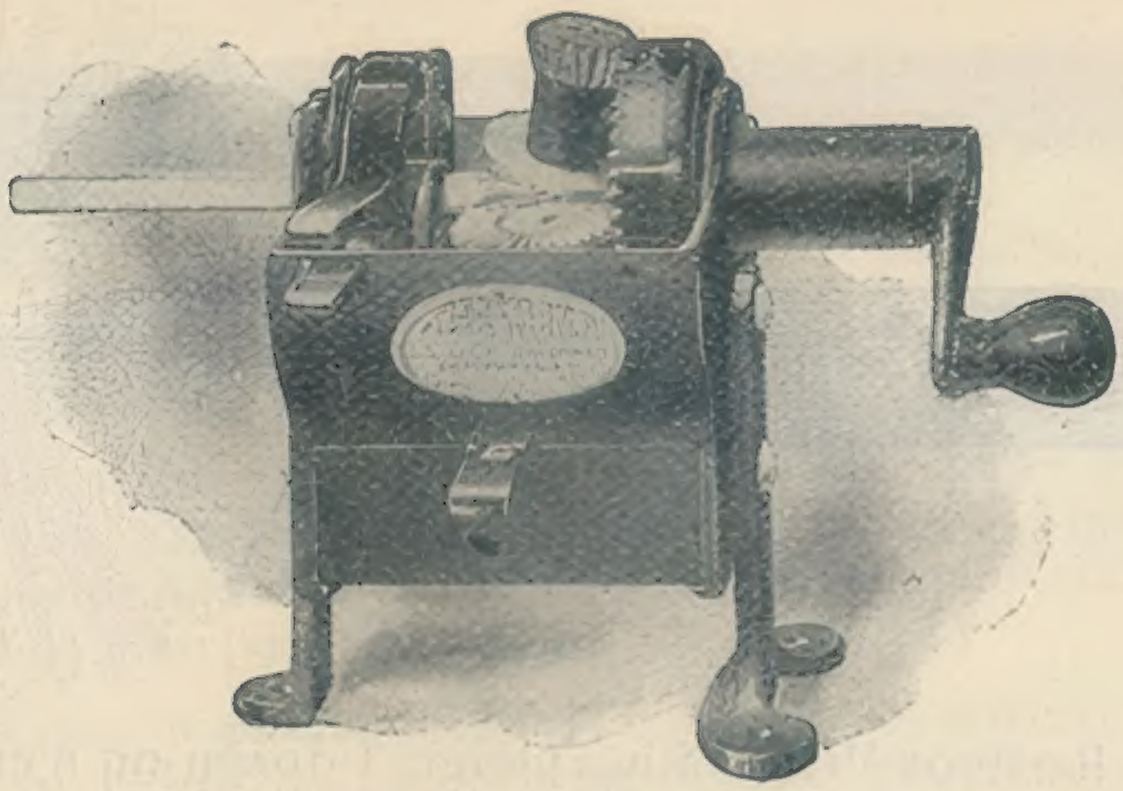
Patent No. 482,826, Sept. 20, 1892

No. 1001. Acme Sharpener, 1 dozen in box . . . . . each, .25

EXTRA BLADES FOR ACME PENCIL SHARPENERS

No. 1002. Double Edge, 2 in small box . . . . . each, .10

THE PLANETARY PENCIL POINTER



Planetary Pencil Pointer . . . . . each, $5.00

Adapted for use in Banks, Offices, Schools, Stores, Draughting Rooms and Private Residences

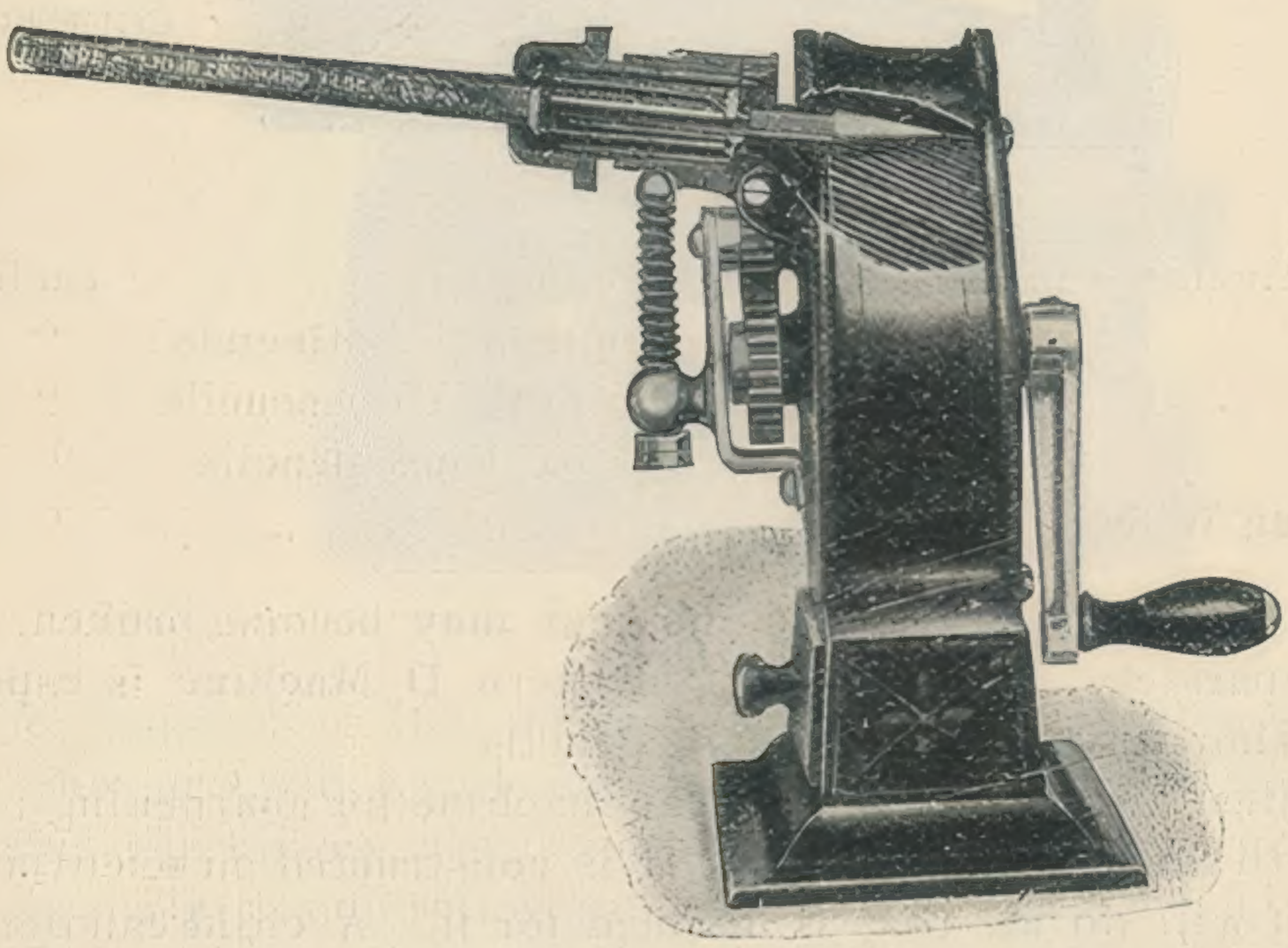
The Double Planetary System of Pencil Pointing saves the cost of the machine in the saving of lead

A system by which a perfect point can be made on all grades and sizes of Lead Pencils, Slate Pencils, various colored Pencils, Wax Crayons, Watchmakers' Peg-wood, etc., etc , using no sand paper, files or knives. The Double Planetary motion of the cutters absolutely prevents the breaking of the points. In construction the machine is simple, substantial, durable and neat. It requires no adjustment whatever, and is cleanly and rapid in its operation

Insert the pencil in the holder, as shown in the above illustration, by depressing the clamp; turn the handle to the right as indicated by the arrow, and push the pencil slowly between the cutters until the required point is obtained

THE LAKESIDE PENCIL SHARPENER

Constructed on Correct Mechanical Principles



Complete, as shown in cut . . . . . each, $5.50

The cutter is case hardened steel. It contains an automatic device to hold the pencil firmly in place, requiring but one hand to operate after pencil is inserted. The pencil can be quickly adjusted.

A perfect point can be obtained without wasting the pencil; the pencil will be as long after sharpening as before.

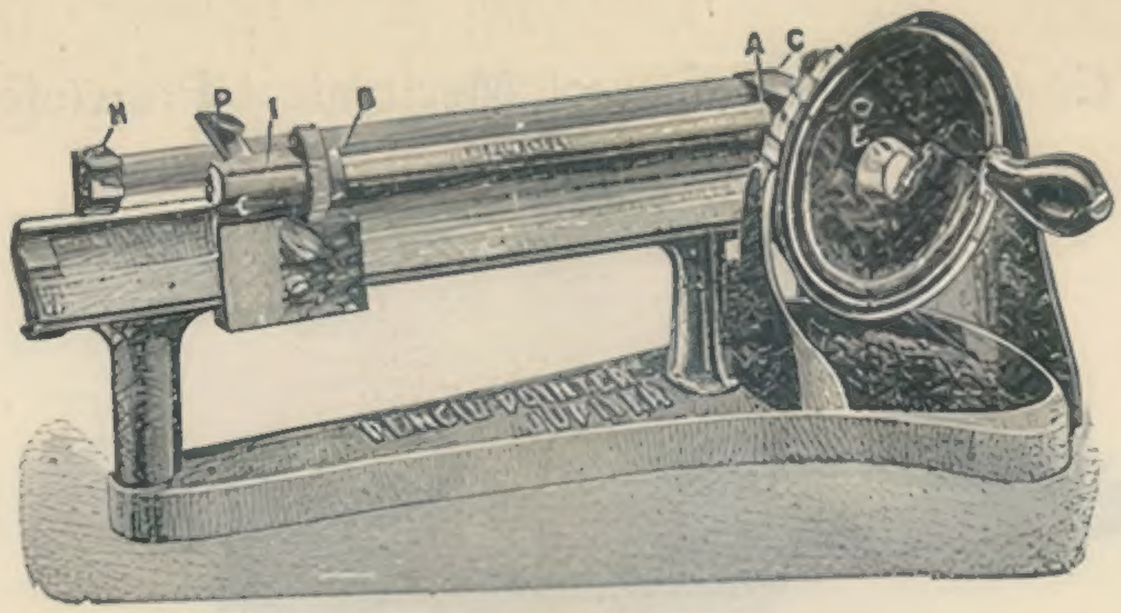
The pencil does not have to be held while sharpening.

A colored pencil or pencil containing a large lead can be sharpened.

Ten times the cutting surface of any other sharpener.

THE "JUPITER" PENCIL POINTING MACHINE

PATENTED IN U. S. NOV. 2, 1897 PATENT NO. 593,093



FRONT VIEW

GUHL PATENT

PATENTED IN ALL COUNTRIES

"Jupiter" Machine, pattern	A	regular, complete	. .	each,	$8.50
" "	B	to sharpen pencils both ends		"	8.50
" "	S	" extra thin pencils		"	8.50
" "	D	" ex. thick pencils		"	8.50
Extra Cutting Wheels				"	2.00

Any part of the "Jupiter" Machine that may become broken, can be obtained, separately, at small cost. Pattern D Machine is especially adapted for sharpening Colored Chalk Pencils

The "Jupiter" is the only practical machine for sharpening pencils, ever offered to the trade and public. It is constructed on scientific principles, and it will do all that is claimed for it. A child can operate it equally as well as an adult

The "Jupiter" Machine will sharpen any shape of pencil, short or long, thick or thin, round or angular, and as it collects its own shavings and graphite chips, the pencil is sharpened without soiling the hands, table or floor

With ordinary care, the "Jupiter" Machine will last a lifetime, and as the cutting-wheels are made of the best quality steel, they do not often require sharpening. The cutting-wheel is made reversible, so that when one side becomes dull, the other side may be used, after which a new cutting-wheel can be supplied, or the old one sharpened, at small expense

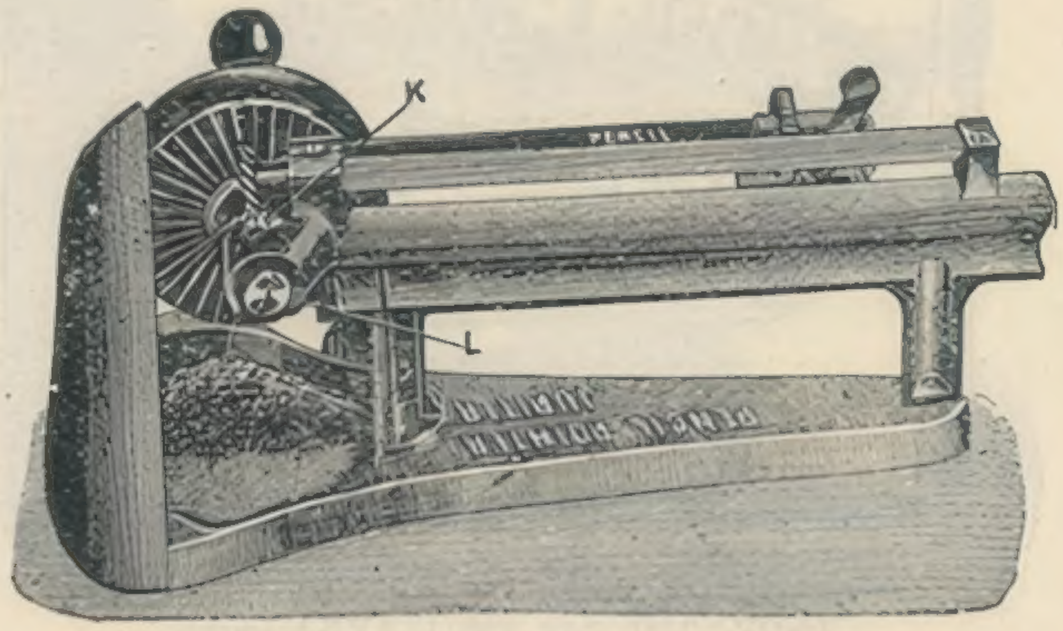
DIRECTIONS FOR USING

Place the pencil into the two receiving holes A and B (the end to be pointed, into hole A) then press down gently with the thumb of your left hand on lever D, while you turn the cutting-wheel rapidly with your right hand. A little practice will enable you to cut to a very fine point, for drawing, or to a medium point, for ordinary writing

The "Jupiter" Pencil Pointing Machine — continued

After long use, the cutting-wheel will, of course, become more or less dulled; then unscrew at F, draw the wheel from its shaft, unscrew the cutting-wheel and reverse it, bringing the sharp teeth to the front, put the wheel back in its place and screw it up again at F, tightly

When both sides of the cutting-wheel are worn out, it may be returned to us for sharpening, which will be done at a small cost, or a new wheel can be supplied, if preferred

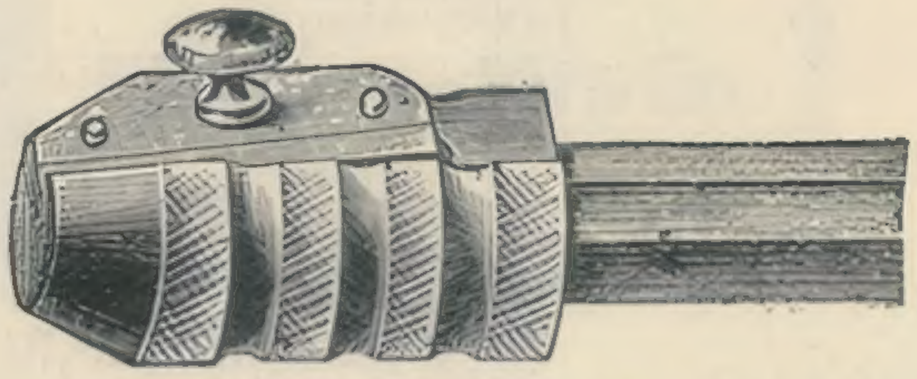


REAR VIEW

After re-grinding the old cutting-wheel, it naturally will be thinner than when new, which will make it necessary to re-adjust all of the bearings to bring the knives into their proper place. For this purpose unscrew at K (see Fig. 2) and screw out the shaft at L a trifle, adjusting it until the cutters again work properly; then fasten at K as before, screwing it up tightly

To obtain the best results, it is advisable to clean and oil the machine frequently. Use a good quality of machine oil, on both bearings G and H, the wheel at E, the oblique teeth of both small gear wheels, the steel bar for the "carriage" on its upper and under sides, and the short shaft at hole I

"EXCELSIOR" PENCIL SHARPENER



A perfect sharpener for the pocket; will cut to a needle point without breaking the lead . . . . . each, .25
Extra Blades . . . . . " .15